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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/718,921	11/21/2003	Michael Shu-Huan Wang	TI-34402	2399
23494 TEXAS INSTR	7590 10/29/200 RUMENTS INCORPO	EXAMINER		
P O BOX 6554	74, M/S 3999	MCDONALD, SHANTESE L		
DALLAS, TX 75265			ART UNIT	PAPER NUMBER
			3723	
				
			NOTIFICATION DATE	DELIVERY MODE
		•	10/29/2007	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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	Application No.	Applicant(s)			
·	10/718,921	WANG ET AL.			
Office Action Summary	Examiner	Art Unit			
	Shantese L. McDonald	3723			
The MAILING DATE of this communication Period for Reply	appears on the cover sheet with	the correspondence address			
A SHORTENED STATUTORY PERIOD FOR RE THE MAILING DATE OF THIS COMMUNICATIO - Extensions of time may be available under the provisions of 37 CFF after SIX (6) MONTHS from the mailing date of this communication. - If the period for reply specified above, its than thirty (30) days, a - If NO period for reply is specified above, the maximum statutory per - Failure to reply within the set or extended period for reply will, by state of the second of the second patent term adjustment. See 37 CFR 1.704(b).	N. R 1.136(a). In no event, however, may a reply reply within the statutory minimum of thirty (3 riod will apply and will expire SIX (6) MONTH atute, cause the application to become ABAN	y be timely filed 30) days will be considered timely. S from the mailing date of this communication. IDONED (35 U.S.C. § 133).			
Status					
1) Responsive to communication(s) filed on 12	2 April 2005.				
, <u> </u>	, ,				
closed in accordance with the practice unde	closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.				
Disposition of Claims					
4) Claim(s) 1-15 is/are pending in the applicat 4a) Of the above claim(s) is/are without 5) Claim(s) is/are allowed. 6) Claim(s) 1,2,4-8 and 10-15 is/are rejected. 7) Claim(s) 3-9 is/are objected to. 8) Claim(s) are subject to restriction and	drawn from consideration.	·			
Application Papers					
9) The specification is objected to by the Exam 10) The drawing(s) filed on is/are: a) a	accepted or b)⊡ objected to by				
Applicant may not request that any objection to Replacement drawing sheet(s) including the cor 11) The oath or declaration is objected to by the	rection is required if the drawing(s)	is objected to. See 37 CFR 1.121(d).			
Priority under 35 U.S.C. § 119					
12) Acknowledgment is made of a claim for fore a) All b) Some * c) None of: 1. Certified copies of the priority docum 2. Certified copies of the priority docum 3. Copies of the certified copies of the papplication from the International Bur * See the attached detailed Office action for a	ents have been received. ents have been received in Apportiority documents have been refeau (PCT Rule 17.2(a)).	lication No ceived in this National Stage			
· ·		·			
Attachment(s) 1) Notice of References Cited (PTO-892)	A) Intention Com	nmary (PTO-413)			
 Notice of References Cited (PTO-892) Notice of Draftsperson's Patent Drawing Review (PTO-948) 	Paper No(s)/N	Mail Date			
3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB Paper No(s)/Mail Date	/08) 5) Notice of Info	rmal Patent Application (PTO-152)			

(D)

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DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1,2,4-8 and 10-15 are rejected under 35 U.S.C. 102(e) as being anticipated by Tolles.

Tolles teaches an apparatus for cleaning a polishing pad of a CMP polishing system which includes a first drive device coupled with the polishing pad, 100, and a second drive device for bringing the wafer, 20, into contact with the polishing pad, a dispenser, 40, located above the polishing pad, and adapted for dispensing a slurry, 32, to the polishing pad, an extension, which includes piping, and a plurality of nozzles, 44, 46, for delivering a wash solution, which is de-ionized water, to the polishing pad, the piping coupled to and extending from the dispenser toward a center axis of the pad, and along an area from the circumference of the pad to the center axis, the piping cooperable to direct a water spray to the pad at a ninety degree angle, (col. 8, lines 23-44, fig. 6).

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Allowable Subject Matter

Claims 3 and 9 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Response to Arguments

Applicant's arguments filed 4/12/05 have been fully considered but they are not persuasive.

The Tolles reference teaches a dispenser, 40, located above the polishing pad and adapted for dispensing slurry. The dispenser, 40, is adapted to dispense the slurry via the multiple nozzles located throughout the dispenser. The dispenser, 40, further includes a plurality of nozzles, 44,46, for delivering a wash solution along an area from the circumference of the polishing surface. Tolles also teaches an extension, 42, which is extending out of the distal end of the slurry dispenser, for delivering a wash solution to an area proximate to the center axis. The extension 42, includes piping, (which runs the length of the dispenser, 40, and a spray nozzle, which is the end of the extension, since the slurry is sprayed onto the polishing surface. Therefore, given the above listed interpretation of the Tolles reference, it does indeed teach the limitation of an extension located on the distal end of the slurry dispenser.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Shantese L. McDonald whose telephone number is (571) 272-4486. The examiner can normally be reached on 8:00 a.m. - 4:30 p.m..

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph Hail can be reached on (571) 272-4485. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

S.L.M. June 27, 2005

Joseph J. Hail, III Supervisory Patent Examiner Technology Center 3700

Junt J. Hailar